Claims

1. A wireless data communication system apparatus, comprising:
a plurality of network access points, each of said plurality of network access points being configured to:
communicate with at least two of a plurality of routers; and
communicate with at least one remote user.

2. The wireless data communication system apparatus as claimed in claim 1, further comprising a plurality of control points, each of said plurality of control points being associated with one of said plurality of network access points.

3. The wireless data communication system apparatus as claimed in claim 2, wherein each of said plurality of control points is configured to control a communication between at least one of said plurality of network access points and the at least one remote user.

4. The wireless data communication system apparatus as claimed in claim 2, wherein each of said plurality of control points is configured to transfer control over said at least one of the plurality of network access point to a different control point.

5. The wireless data communication system apparatus as claimed in claim 1, further comprising:
a plurality of routers; and
a plurality of home agents, each of said plurality of home agents being associated with one of said plurality of routers.

6. The wireless data communication system apparatus as claimed in claim 1, further comprising:
a plurality of foreign agents, each of said plurality of foreign agents being associated with one of said plurality of network access points.

7. A wireless data communication system apparatus, comprising:
a plurality of network access points; and
a plurality of control points, each of said plurality of control points being associated with one of said plurality of network access points.

8. The wireless data communication system apparatus as claimed in claim 7, wherein each of said plurality of control points is configured to control a communication between at least one of said plurality of network access point and at least one remote user.

9. The wireless data communication system apparatus as claimed in claim 7, wherein each of said plurality of control points is configured to transfer control over said at least one of the plurality of network access point to a different control point.

10. The wireless data communication system apparatus as claimed in claim 7, further comprising:
a plurality of foreign agents, each of said plurality of foreign agents being associated with one of said plurality of network access points.

11. A wireless data communication system apparatus, comprising:
a plurality of routers;
a plurality of network access points, each of said plurality of network access points being configured to:
communicate with at least two of said plurality of routers; and
communicate with at least one remote user; and
a plurality of control points, each of said plurality of control points being associated with one of said plurality of network access points.

12. A method for data flow control in a distributed data communication system, comprising:

receiving at a router data intended for a remote user; and

transmitting the received data to a foreign agent, the foreign agent being associated with a network access point.

13. The method as claimed in claim 12, wherein said transmitting the received data to a foreign agent, the foreign agents being associated with a network access point comprises:

providing said received data intended for the remote user to a home agent, the home agent being associated with the router.

14. A method for data flow control in a distributed data communication system, comprising:

receiving at least two network access points data intended for a remote user; and

transmitting from the at least two network access points the received data to the remote user under a control of a first control point, the first control point being associated with a network access point.

15. The method as claimed in claim 14, wherein transmitting from at least two network access points the received data to the remote user under a control of a first control point, the first control point being associated with a network access point comprises:

transmitting from the at least two network access points the received data to the remote user under a control of the first control point, the first control point being associated with one of the at least two network access points communication with the remote user.

16. The method as claimed in claim 14, further comprising transferring control from the first control point to a second control point.

17. The method as claimed in claim 16, wherein said transferring control from the first control point to a second control point comprises:

transferring control from the first control point to the second control point, the second control point being associated with one of the at least two network access points.

18. A method for data flow control in a distributed data communication system, comprising:

receiving at a network access point data intended for a remote user; and

transmitting from the network access point the received data to the remote user under a control of a first control point, the first control point being associated with the network access point.

19. The method as claimed in claim 18, wherein said transmitting from the network access point the received data to the remote user under a control of a first control point, the first control point being associated with the network access point comprises:

transmitting from the network access point the received data to the remote user under a control of the first control point, the first control point being associated with a network access point different from said transmitting network access point.

20. The method as claimed in claim 18, further comprising transferring control from the first control point to a second control point.